Safe Operation Practices • Set-Up • Operation • Maintenance • Service • Troubleshooting • Warranty

OPERATOR'S MANUAL

Lawn Edger — 520 Series

⚠ WARNING

READ AND FOLLOW ALL SAFETY RULES AND INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE THIS MACHINE. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.

MTD LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

Printed In USA

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(October 24, 2008)

To The Owner

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Thank You

Thank you for purchasing a Lawn Edger manufactured by MTD LLC. It was carefully engineered to provide excellent performance when properly operated and maintained.

Please read this entire manual prior to operating the equipment. It instructs you how to safely and easily set up, operate and maintain your machine. Please be sure that you, and any other persons who will operate the machine, carefully follow the recommended safety practices at all times. Failure to do so could result in personal injury or property damage.

All information in this manual is relative to the most recent product information available at the time of printing. Review this manual frequently to familiarize yourself with the machine, its features and operation. Please be aware that this Operator's Manual may cover a range of product specifications for various models. Characteristics and features discussed and/or illustrated in this manual may not be applicable to all models. MTD LLC reserves the right to change product specifications, designs and equipment without notice and without incurring obligation.

This product has met the rigid safety standards of the Outdoor Power Equipment Institute and an independent testing laboratory. If you have any problems or questions concerning the machine, phone your local authorized MTD service dealer or contact us directly. MTD's Customer Support telephone numbers, website address and mailing address can be found on this page. We want to ensure your complete satisfaction at all times.

Throughout this manual, all references to *right* and *left* side of the machine are observed from the operating position

The engine manufacturer is responsible for all engine-related issues with regards to performance, power-rating, specifications, warranty and service. Please refer to the engine manufacturer's Owner's/Operator's Manual, packed separately with your machine, for more information.

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Record Product Information

Before setting up and operating your new equipment, please locate the model plate on the equipment and record the information in the provided area to the right. You can locate the model plate by standing at the operator's position and looking down at the rear of the deck. This information will be necessary, should you seek technical support via our web site, Customer Support Department, or with a local authorized service dealer.

MODEL NUMBER

☐☐☐☐☐☐☐☐☐☐☐☐

SERIAL NUMBER

☐☐☐☐☐☐☐☐☐☐☐☐

Customer Support

Please do NOT return the machine to the retailer or dealer without first contacting our Customer Support Department.

If you have difficulty assembling this product or have any questions regarding the controls, operation, or maintenance of this machine, you can seek help from the experts. Choose from the options below:

◊ Visit us on the web at www.mtdproducts.com

◊ Call a Customer Support Representative at (800) 800-7310 or (330) 220-4683

◊ Write us at MTD LLC • P.O. Box 361131 • Cleveland, OH • 44136-0019

Important Safe Operation Practices

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WARNING! This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate this machine. Failure to comply with these instructions may result in personal injury.
When you see this symbol. **HEED ITS WARNING!**

CALIFORNIA PROPOSITION 65

WARNING! Engine Exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to State of California to cause cancer and birth defects or other reproductive harm.

DANGER! This machine was built to be operated according to the safe operation practices in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. This machine is capable of amputating fingers, hands, toes and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death.

Training

1. Read this operator's manual carefully in its entirety before attempting to assemble this machine. Read, understand, and follow all instructions on the machine and in the manual(s) before operation. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. Be completely familiar with the controls and the proper use of this machine before operating it.
3. This machine is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times. Your machine has been designed to perform one job: to edge lawn. Do not use it for any other purpose.
4. Never allow children under 14 years of age to operate this machine. Children 14 and over should read and understand the instructions and safe operation practices in this manual and on the machine and be trained and supervised by an adult.
5. Only responsible individuals who are familiar with these rules of safe operation should be allowed to use this machine.
6. To help avoid blade contact or a thrown object injury, stay in operator zone behind handles and keep children, bystanders, helpers and pets at least 75 feet from lawn edger while it is in operation. Stop machine if anyone enters area.

Preparation

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones, toys and other foreign objects which could be tripped over or picked up and thrown by the blade. Thrown objects can cause serious personal injury.
2. Always wear safety glasses or safety goggles during operation and while performing an adjustment or repair to protect your eyes. Thrown objects which ricochet can cause serious injury to the eyes.
3. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts. Shirts and pants that cover the arms and legs and steel-toed shoes are recommended. Never operate this machine in bare feet, sandals, slippery or light weight (e.g. canvas) shoes.
4. Never attempt to make any adjustments while the engine is running, except where specifically recommended in the operator's manual.

Safe Handling Of Gasoline:

To avoid personal injury or property damage use extreme care in handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Serious personal injury can occur when gasoline is spilled on yourself or your clothes which can ignite. Wash your skin and change clothes immediately.

a. Use only an approved gasoline container.

b. Never fill containers inside a vehicle or on a truck or trailer bed with a plastic liner. Always place containers on the ground away from your vehicle before filling.

c. Remove gas-powered equipment from the truck or trailer and refuel it on the ground. If this is not possible, then refuel such equipment on a trailer with a portable container, rather than from a gasoline dispenser nozzle.

d. Keep the nozzle in contact with the rim of the fuel tank or container opening at all times until fueling is complete. Do not use a nozzle lock-open device.

e. Extinguish all cigarettes, cigars, pipes and other sources of ignition.

f. Never fuel machine indoors because flammable vapors will accumulate in the area.

g. Never remove gas cap or add fuel while engine is hot or running. Allow engine to cool at least two minutes before refueling.

h. Never over fill fuel tank. Fill tank to no more than ½ inch below bottom of filler neck to provide for fuel expansion.

i. Replace gasoline cap and tighten securely.

j. If gasoline is spilled, wipe it off the engine and equipment. Move machine to another area. Wait 5 minutes before starting engine.

k. Never store the machine or fuel container near an open flame, spark or pilot light as on a water heater, space heater, furnace, clothes dryer or other gas appliances.

l. To reduce fire hazard, keep lawn edger free of grass, leaves, or other debris build-up. Clean up oil or fuel spillage and remove any fuel soaked debris.

m. Allow a lawn edger to cool at least five (5) minutes before storing..

Operation

1. Do not put hands or feet near rotating parts. Contact with the rotating blade can amputate hands and feet.
2. The blade control handle is a safety device. Never bypass its operation. Doing so, makes the machine unsafe and may cause personal injury.
3. Never operate without blade guard, debris shield and blade control handle in place and working.
4. Never operate with damaged safety devices. Failure to do so, can result in personal injury.
5. Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.
6. Do not operate machine while under the influence of alcohol or drugs.
7. Muffler and engine become hot and can cause a burn. Do not touch.
8. Never operate this machine without good visibility or light. Always be sure of your footing and keep a firm hold on the handles. Walk, never run.
9. Do not operate this machine if it has been dropped or damaged. Return machine to your nearest authorized servicing dealer for examination and repair.
10. Do not operate this machine with a damaged or excessively worn cutting blade.
11. Never attempt to clear material from the blade guard while the engine is running. Shut the engine off, disconnect the spark plug wire and ground against the engine to prevent unintended starting.
12. Do not overload machine capacity by attempting to edge at too fast of a rate.
13. Stay alert for uneven sidewalks, terrain etc. Always push slowly over rough surfaces. Do not use this machine on gravel surfaces.
14. Do not operate machine in rain or wet soil conditions.
15. Always operate machine from behind the handles and position yourself where the direct line of sight to cutting blade is blocked by guards.
16. Always stop engine when edging or trimming is delayed or when transporting machine from one location to another.
17. Never leave a running machine unattended. Stop the engine, disconnect spark plug wire and ground against the engine to prevent unintended starting.
18. Only use parts and accessories made for this machine by the manufacturer. Failure to do so, can result in personal injury.
19. If situations occur which are not covered in this manual, use care and good judgment. Contact Customer Support for assistance or the name of your nearest service dealer.

Children

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to power equipment such as lawn edgers. They do not understand the dangers. Never assume that children will remain where you last saw them.

1. Keep children out of the edging area and under watchful care of a responsible adult other than the operator.
2. Be alert and turn lawn edger off if a child enters the area.
3. Before and while moving backwards, look behind and down for small children.
4. Use extreme care when approaching blind corners, doorways, shrubs, trees, or other objects that may obscure your vision of a child who may run into the lawn edger.

5. Keep children away from hot or running engines. They can suffer burns from a hot muffler.
6. Never allow children under 14 years of age to operate this machine. Children 14 and over should read and understand the instructions and safe operation practices in this manual and on the machine and be trained and supervised by an adult.

Maintenance and Storage

1. Never run an engine indoors or in a poorly ventilated area. Engine exhaust contains carbon monoxide, an odorless and deadly gas.
2. Before cleaning, repairing, or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire and ground against the engine to prevent unintended starting.
3. Check the blade and engine mounting bolts at frequent intervals for proper tightness. Also, visually inspect blade for damage (e.g., bent, cracked, worn) Replace blade with the original equipment manufacture's (O.E.M.) blade only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
4. Lawn edger blades are sharp and can cut. Wrap the blade or wear gloves, and use extra caution when servicing them.
5. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
6. Never tamper with safety devices. Check their proper operation regularly.
7. After striking a foreign object, stop the engine, disconnect the spark plug wire and ground against the engine. Thoroughly inspect the lawn edger for any damage. Repair the damage before starting and operating the lawn edger.
8. Never attempt to make a wheel adjustment while the engine is running.
9. Many components on your new edger can wear with continued use. For safety protection, frequently check all edger components and replace immediately with original equipment manufacturer's (O.E.M.) parts only, listed in this manual. "Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety!"
10. Do not change the engine governor setting or overspeed the engine. The governor controls the maximum safe operating speed of the engine.
11. Maintain or replace safety and instruction labels, as necessary.
12. Observe proper disposal laws and regulations for used gas, oil, etc.. Improper disposal of fluids and materials can harm the environment.
13. According to the Consumer Products Safety Commission (CPSC) and the U.S. Environmental Protection Agency (EPA), this product has an *Average Useful Life* of seven (7) years, or 70 hours of operation. At the end of the *Average Useful Life* have the machine inspected annually by an authorized service dealer to ensure that all mechanical and safety systems are working properly and not worn excessively. Failure to do so can result in accidents, injuries or death.

Spark Arrestor

WARNING! This machine is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brushcovered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any).

If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands.
A spark arrester for the muffler is available through your nearest engine authorized service dealer or contact the service department, P.O. Box 361131 Cleveland, Ohio 44136-0019.

WARNING! Your Responsibility—Restrict the use of this power machine to persons who read, understand and follow the warnings and instructions in this manual and on the machine.

SAVE THESE INSTRUCTIONS!

Assembly & Set-Up

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Contents of Carton

- One Edger
- One Edger Operator's Manual
- One 18 oz. Bottle Engine Oil
- One Engine Operator's Manual

NOTE: This machine is shipped WITHOUT GASOLINE or OIL. After setting up the edger, service the engine with gasoline and oil as instructed in the separate Engine Operator's Manual packed with your machine.

NOTE: Reference to right or left hand side of the edger is observed from the operating position.

Assembly

Handle

Remove and discard any packaging cardboard that may be present between the upper handle and the lower handle.

1. Pivot the upper handle upward until it snaps into place. See Fig. 3–1.

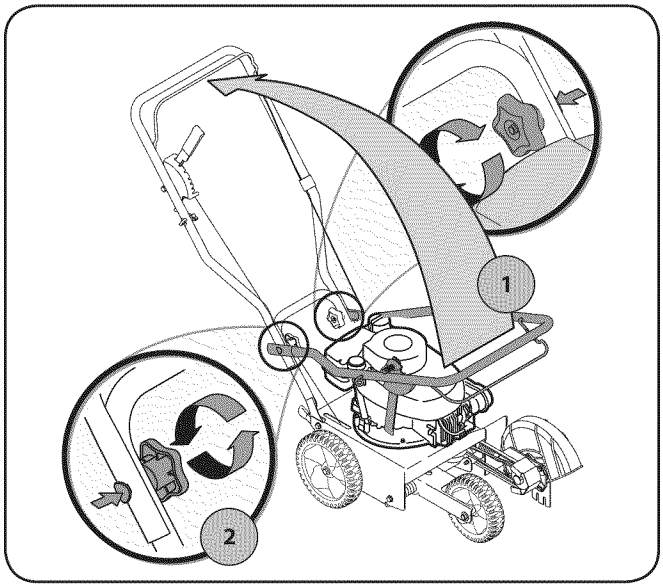

Figure 3-1

2. Tighten the hand knobs, which are located on both the left and right sides of the handle.

Starter Rope

1. Locate the rope guide found on the right side of the upper handle. Loosen, but do NOT remove, the wing knob which secures the rope guide to the upper handle. See Fig. 3–2.

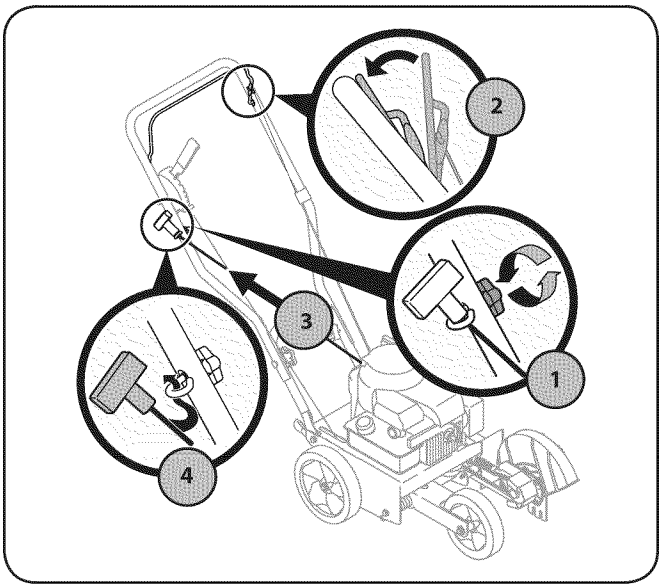

Figure 3-2

2. Stand behind the edger and hold the blade control against the upper handle.
3. Gently pull the starter rope out of the engine.

WARNING! The edger blade WILL rotate when the starter rope is pulled.

NOTE: The starter rope will not pull out of the engine unless the blade control (refer to Fig. 3–2) is depressed against the upper handle.

4. Slip the starter rope through the top of the rope guide. Retighten the wing knob which secures the rope guide to the upper handle.

Set-Up

Gas & Oil Fill-Up

Service the engine with gas and oil as instructed in the Engine Operator's Manual package separately with your edger. Read Instructions carefully.

WARNING! Use extreme caution when handling gasoline. Gasoline is extremely flammable and the vapors are explosive. Never fuel the machine indoors or while the engine is hot or running. Extinguish cigarettes, cigars, pipes and other sources of ignition.

Controls and Features

4

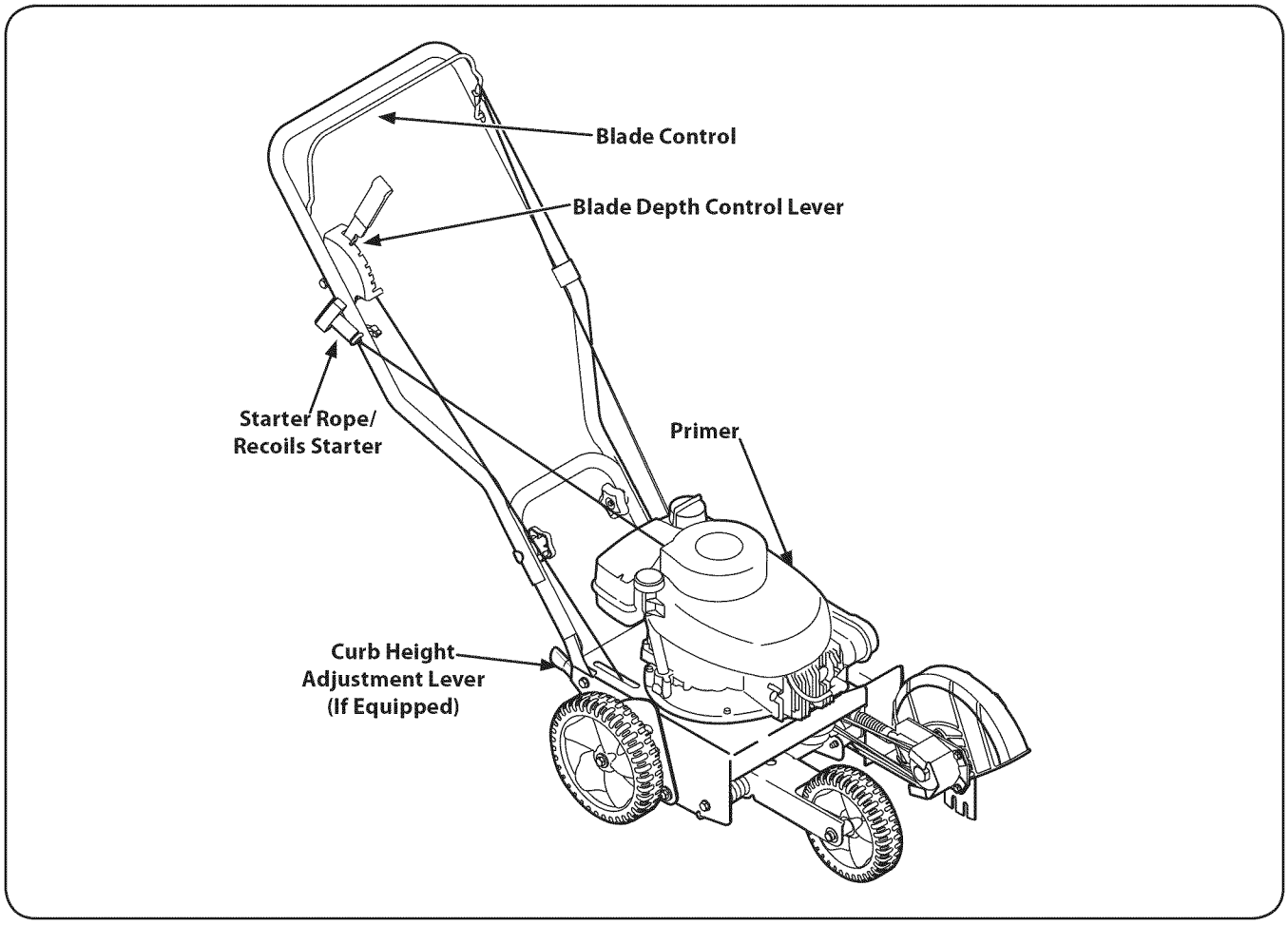

Figure 4-1

Edger controls and features are described below and illustrated in Fig. 4-1.

WARNING! Be familiar with all the controls and their proper operation. Know how to stop the machine and disengage it quickly.

NOTE: For detailed information on all engine controls, refer to the separate Engine Operator's Manual.

Starter Rope / Recoil Starter

The starter rope/recoil starter is used to start the engine.

Primer

The primer is used to pump gas into the carburetor and aid in starting the engine. Use it to start a cold engine, but do not use it to restart a warm engine after a short shutdown.

Curb Height Adjustment Lever (If Equipped)

The curb height adjustment lever is found on the rear portion of the edger. When placed in an applicable notch, it aids in stabilizing the edger while edging grass along a curb.

Blade Control

Located on the upper handle, the blade control must be depressed against the upper handle in order to operate the edger. Releasing the blade control stops the engine and the edger blade.

Blade Depth Control Lever

The blade depth control lever is located on the right side of the upper handle. It is used to control the depth of the cut. The further forward the blade depth control lever is moved, the deeper into the soil the edger blade will cut.

Operation

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Starting the Engine

To start the edger's engine, proceed as follows:

1. Attach the spark plug wire to the spark plug. Make certain the metal cap on the end of the spark plug wire is fastened securely over the metal tip on the spark plug.
2. Move the blade depth control lever back to the START position in the adjacent (top) notch.
3. Depress the primer bulb three times, pausing two to three seconds between each push. In cold weather (below 50°F /19°C), it may be necessary to depress the primer bulb four or five times.

   NOTE: Using the primer to restart a warm engine after a short shutdown is usually not necessary. Doing so may result in a flooded engine.
4. Standing behind the edger, depress the blade control and hold it against the upper handle with your left hand.

WARNING! This control mechanism is a safety device. Never attempt to bypass its operation.

5. With your right hand, grasp the recoil starter handle and slowly pull the rope outward until engine reaches the start of its compression cycle (the rope will pull slightly harder at this point).
6. After slowly allowing the rope to recoil, pull the rope with a rapid, continuous, full arm stroke. Keep a firm grip on starter handle throughout the entire stroke.
7. Allow the starter handle to slowly return to the eyebolt.

   NOTE: If the engine fails to start after three pulls, depress the primer an additional two times before pulling the starter rope again.

Stopping The Engine

To stop the edger's engine, release the blade control.

Edging

WARNING! Rotating cutting blade may throw objects causing personal injury. Keep area clear of bystanders and do not operate without guards in place.

WARNING! Do not lower blade if blade is over concrete, asphalt, rocks or the like. Blade can strike supporting surface, resulting in personal injury or property damage.

To begin edging, proceed as follows:

1. Move edger to an area to be edged, making sure that the left rear wheel is on a hard surface and the blade is over the area to be cut. See Fig. 5–1.

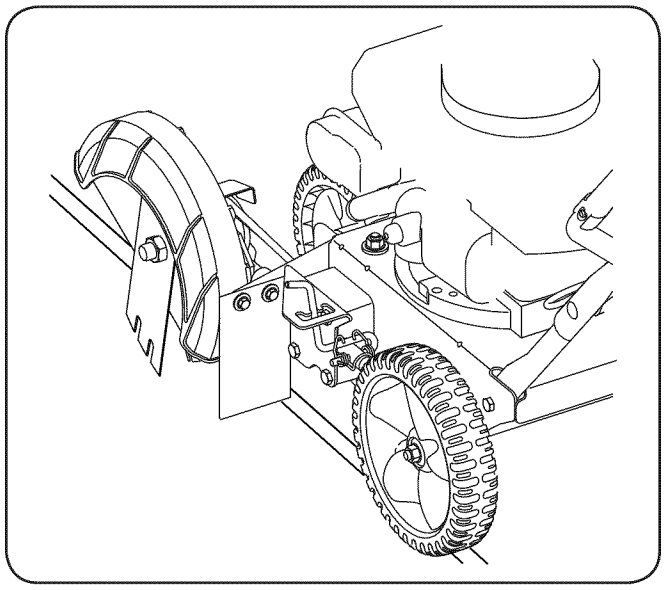

Figure 5-1

2. With blade control lever in START position, make a pass along area to be edged before proceeding to the next notch. The further forward blade depth control lever is moved, the deeper or lower the blade will cut into the ground. Several passes may be necessary to obtain the desired depth of cut. Do not lower blade more than one depth notch at a time without making a pass.
3. For best results, proceed slowly along the path being edged. Slowly moving edger back and forth through cutting area, again making sure to keep the left rear wheel on the hard surface and the blade in the cutting path, close to but not touching the edge of the hard surface.
4. Once you have finished edging selected area, raise the blade control lever back into the START position, move to the next area to be edged, and proceed again from step 1.

Edging Along A Curb (If Equipped)

The right, rear wheel of the edger can be lowered into one of five positions to ease the task of edging along a curb. To adjust the height of curb wheel, proceed as follows:

1. Lower the right, rear wheel by moving the curb height adjustment lever slightly to the left. See Fig. 5–2.

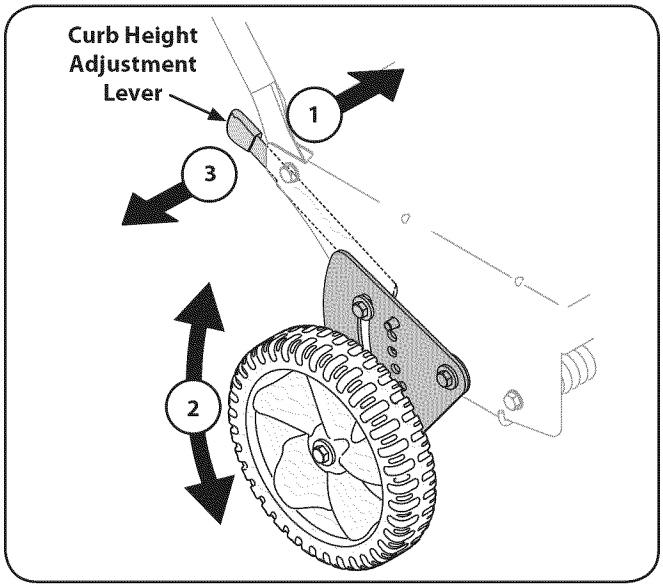

Figure 5-2

2. Pivot the right, rear wheel into an applicable position in relation to the height of the curb to be edged along. See Fig. 5–2
3. Release the curb height adjustment lever to lock the wheel in position. See Fig. 5–2.

Trenching (If Equipped)

You can utilize the edger's optional trenching feature in order to create a wider cutting path for such things as laying wire for landscape lighting.

WARNING! Disconnect the spark plug wire and ground against the engine before performing the following steps.

WARNING! The edger blade is sharp. Wear leather work gloves to protect your hands when working around the edger blade.

1. Use two wrenches (one wrench to prevent hex bolt head from spinning and the other to unthread the flange nut) to remove flange nut that secures edger blade, leaving the edger blade in place. See Fig. 5–4.

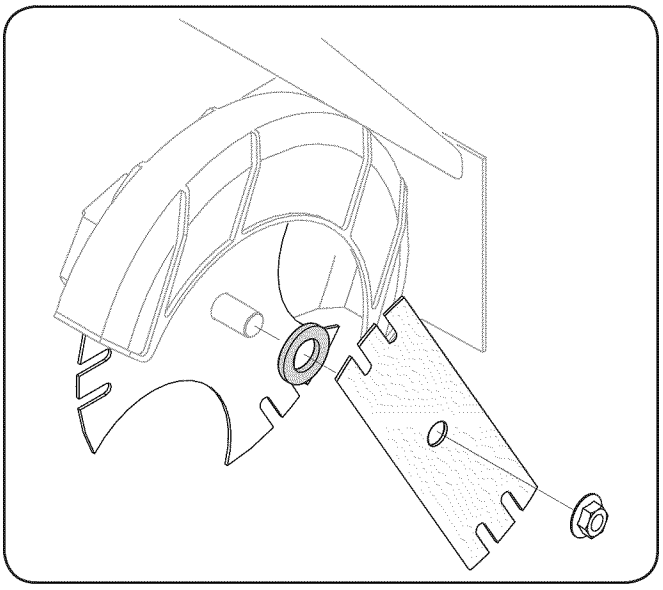

Figure 5-4

2. Install the additional edger blade supplied with your machine and the flat washer. See Fig. 5–4.
3. Secure with the flange nut removed earlier. Use a torque wrench to tighten the flange nut to between 37 foot-lbs. and 50 foot-lbs.

   NOTE: Make certain that drive belt is seated correctly on blade spindle and that it is riding smoothly on spindle sheaves and is not pinched between them. Repeat first three steps if belt is pinched.

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Maintenance & Adjustments

6

Maintenance

WARNING! Disconnect the spark plug wire and ground against the engine before performing any adjustment, repairs or maintenance.

Engine

Refer to the Engine Operator's Manual packed with your edger for a detailed description of all engine-related service specifications.

Edger Blade

WARNING! The edger blade is sharp. Wear leather work gloves to protect your hands when working around the edger blade.

1. Use two wrenches (one wrench to prevent the hex bolt head from spinning and the other to remove the flange nut) to remove the edger blade. Refer to Fig. 6–1.

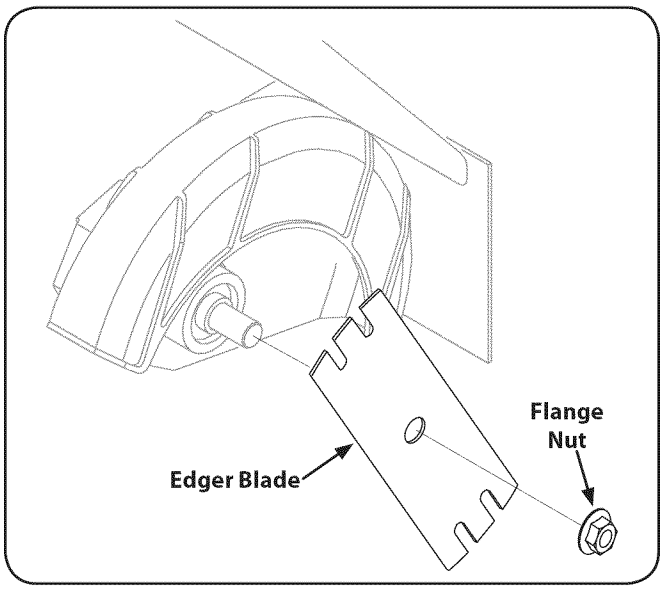


Figure 6-1

2. Remove and discard the edger blade but retain the flange nut.
3. Install the replacement edger blade and the flange nut removed earlier. Use a torque wrench to tighten the flange nut to between 37 foot-lbs. and 50 foot-lbs.

   NOTE: Make certain that the drive belt is seated correctly on the blade spindle and that it is riding smoothly on the spindle sheaves and is not pinched between them. Repeat the first three steps if the belt is pinched.

Lubrication

Wheels

Lubricate the wheels and bearings at least once a season with a light oil. Also if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil.

Pivot Points

Lubricate the pivot points on the blade control bail, blade depth control lever, and if applicable, the blade adjustment lever, and curb height adjustment lever with light oil at least once a season.

Bearing Block

Lubricate the bearing block every 25 hours or at least once a season. Simply apply oil at each end of the cover plate. See Fig. 6–2.

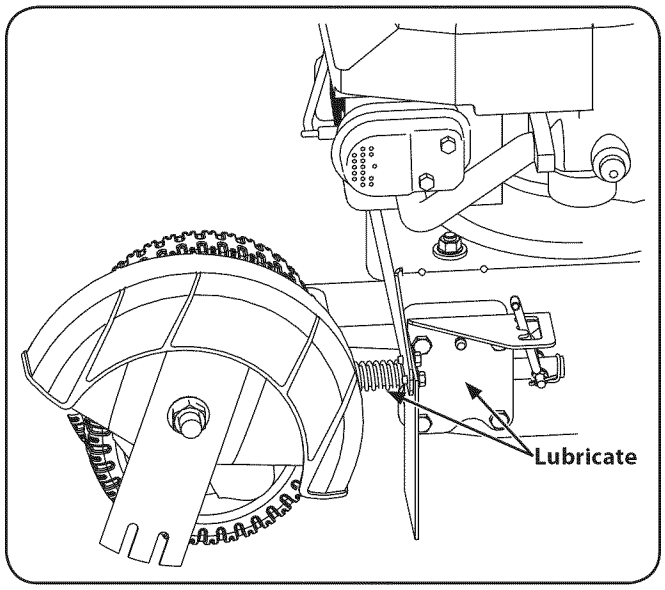


Figure 6-2

Off-Season Storage

Observe the following when preparing the edger for long-term storage:

1. Clean and lubricate the edger thoroughly as instructed on the previous page.
2. Refer to the Engine Operator's Manual packed separately with the edger for engine manufacturers's storage instructions.
3. Coat the edger blade with chassis grease to prevent rusting and corrosion.
4. Store the edger in a dry, clean area. Do not store next to any corrosive materials, such as lawn fertilizer.
5. Coat the edger, especially any springs and bearings with a light oil or silicone spray.

   NOTE: When storing any type of power equipment in an poorly ventilated or metal storage shed, care should be taken to rustproof the equipment.

Belt Replacement

Drive Belt

NOTE: To aid in reassembly, note the orientation of the drive belt on the two idler pulleys and the engine flywheel pulley prior to performing the following steps. Refer to Fig. 7-1.

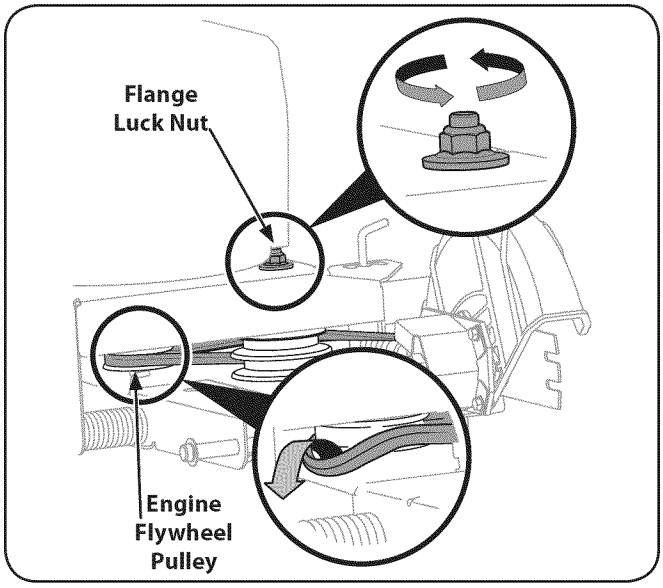


Figure 7-1

The edger drive belt is subject to wear and should be replaced if any signs of cracking, shredding or rotting are present. To replace the belt, proceed as follows:

1. Working in front of the edger, loosen the flange lock nut on top of frame, allowing the idler pulley assembly to pivot slightly out from the frame. See Fig. 7-1.
2. With your other hand, carefully reach under the rear of the edger and remove the belt from around the engine flywheel pulley. See Fig. 7-1.
3. Remove the spindle sheaves belt guard by removing the two self-tapping screws which secure it to the blade plate assembly. See Fig. 7-2.

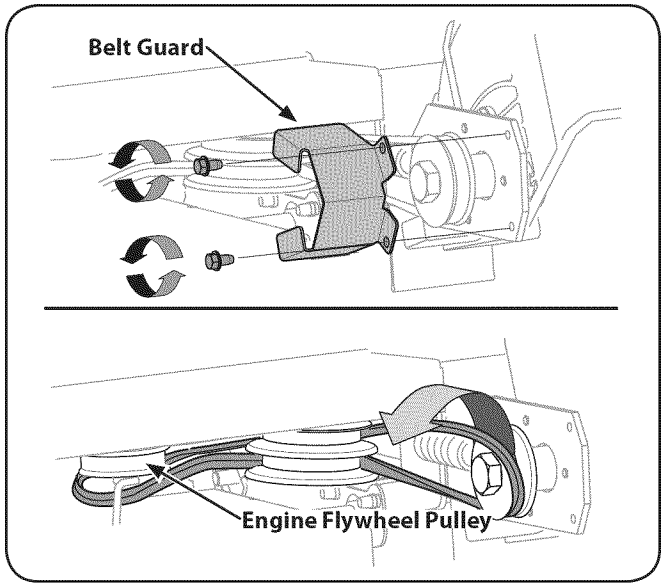


Figure 7-2

4. Carefully remove the belt from off of the pulleys, again making sure to note the orientation of the belt. Discard the belt. See Fig. 7-2.
5. 5. Working from the front of the edger, place the belt onto the spindle sheaves, route it back onto the two idler pulleys, and then place it onto the engine flywheel pulley.

   NOTE: Make certain that the "V" side of the belt is seated into the top pulley and the flat side of the belt is seated into the bottom pulley. See Fig. 7-2.
6. Reinstall the spindle sheaves belt guard with the self tapping screws removed earlier.
7. Make certain that the drive belt is on the engine flywheel pulley and idler pulleys, and retighten the flange lock nut on the top of the frame.

   NOTE: Make certain that the drive belt is seated correctly and that it is riding smoothly on the spindle sheaves and is not pinched between them. Repeat the first three steps if the belt is pinched.

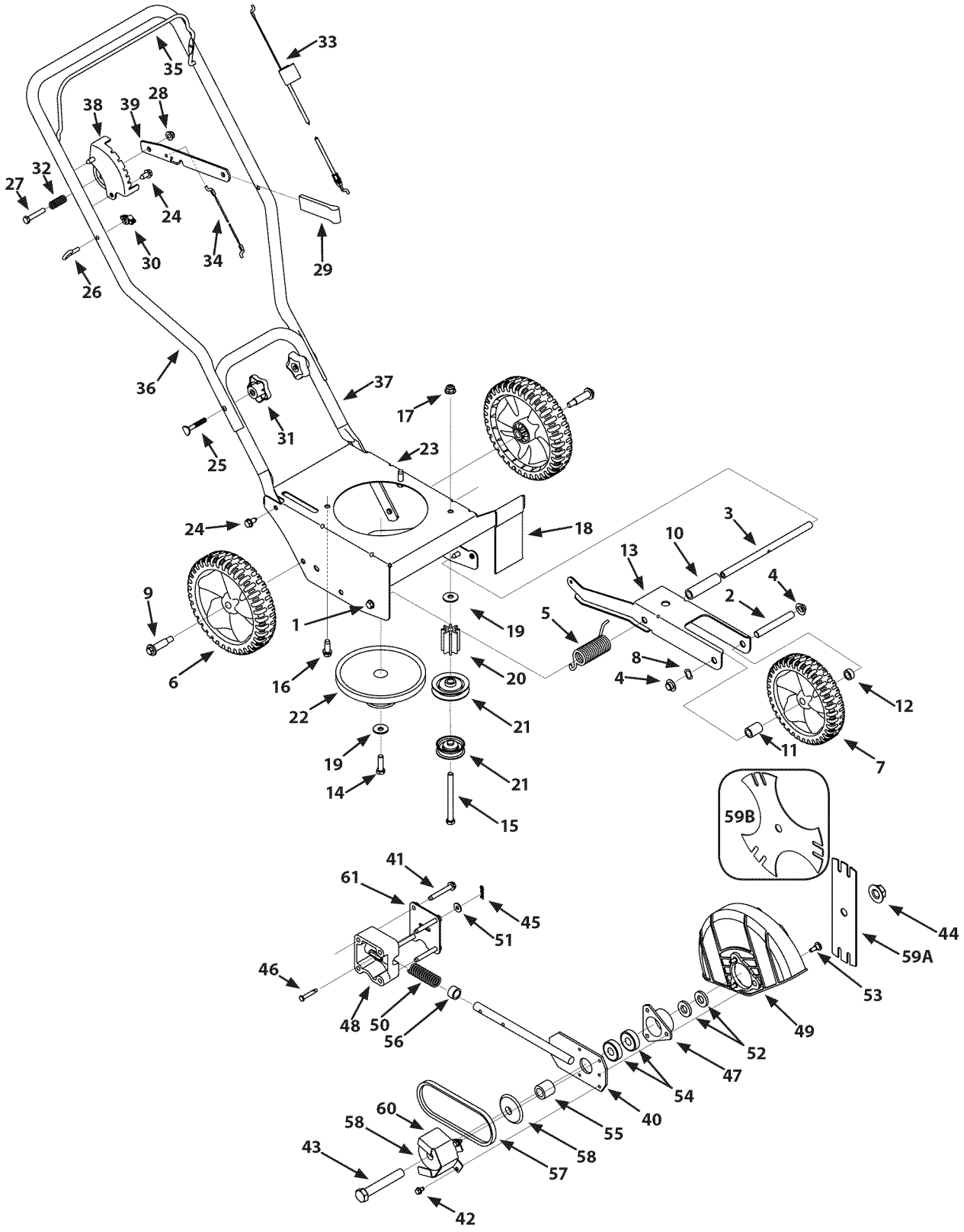
WARNING! Never operate the edger without the spindle sheaves belt guard in place.

Troubleshooting

8

Problem	Cause	Remedy
Engine fails to start	1. Dirty air cleaner	1. Refer to the Engine Operator's Manual
	2. Engine needs to be primed	2. Push primer bulb two or three times.
	3. Fuel tank empty	3. Fill tank with clean, fresh gasoline.
	4. Stale fuel in gasoline tank	4. Drain gasoline and refill tank with clean, fresh gasoline.
	5. Spark plug wire disconnected.	5. Connect the spark plug wire to the spark plug.
	6. Spark plug fouled	6. Clean, adjust gap or replace spark plug.
	7. Engine flooded	7. Refer to the Engine Operator's Manual.
Engine runs erratic	1. Spark plug wire loose	1. Connect and tighten spark plug wire.
	2. Stale fuel in gasoline tank	2. Drain gasoline and refill tank with clean, fresh gasoline.
	3. Vent in gas cap plugged	3. Clear vent of any debris.
	4. Water or dirt in fuel system	4. Drain fuel tank. Refill with fresh fuel.
	5. Dirty air cleaner	5. Refer to the Engine Operator's Manual.
	6. Carburetor out of adjustment	6. Refer to the Engine Operator's Manual.
Engine Overheats	1. Engine oil level low	1. Fill crankcase with proper oil.
	2. Air flow restricted	2. Clean the area around the engine's cooling fins.
	3. Dirty air filter	3. Replace the engine's air filter.
	4. Carburetor not adjusted properly	4. Refer to the Engine Operator's Manual.
Excessive Vibration	1. Edger blade bent or damaged	1. Replace edger blade.
	2. Blade spindle bent or damaged	2. Contact an authorized MTD service dealer.
Drive-belt Slips	1. Belt worn or stretched	1. Replace drive belt.

Handle, Frame & Wheel Assembly



Ref.	Part No.	Part Description
1	710-0870	Hex Head Screw 3/8-16
2	711-04362	Axle .50 x 3.8
3	711-04440	Axle .50 x 9.25
4	726-0299	Push Cap ½" rod
5	732-04045	Torsion Spring
6	734-1987	Wheel 8x1.8
7	734-1988	Wheel 7x1.8
8	936-0232	Wave Washer
9	738-0929	Shoulder Screw, 3/8-16
10	750-04129	Spacer
11	750-04427	Spacer, .525 x .775 x .1125
12	750-04428	Spacer, .525 x .775 x .3125
13	787-01240	Wheel Bracket
14	710-0191	Screw 3/8-24
15	710-0411	Screw 3/8-16
16	710-0654A	Screw, 3/8-16
17	712-04065	Flange Lock Nut, 3/8-16
18	731-05063	Debris Guard
19	936-0452	Bell Washer, .396 x 1.140
20	950-04142	Pulley Mount Spacer
21	756-04148	Flat Idler Pulley, 2.5 OD
22	756-1150A	Combination Flywheel Pulley
23	787-01304-0637	Frame
24	710-0726	Hex Screw, 5/16-12
25	710-1174	Carriage Bolt, 5/16-18
26	710-1205	Rope Guide (Eye Bolt)
27	710-3180	Hex Screw, 5/16-18
28	712-04063	Lock Flange Nut, 5/16-18
29	720-0142	Grip
30	720-0279	Wing Nut
31	720-04072	Hand Knob

Ref.	Part No.	Part Description
32	932-0369	Compression Spring
33	746-04035	Control Cable
34	946-04036	Wheel Adjustment Cable
35	747-0976A	Blade Control
36	749-04183-0637	Upper Handle
37	749-04234-0637	Lower Handle
38	781-0741A	Depth Index Bracket
39	781-0742	Depth Index Lever
40	687-02126	Blade Plate Assembly
41	710-04389	Hex Screw, 5/16-18
42	710-0599	Self-tapping Screw, 1/4-20
43	710-1143A	Hex Screw, 5/8-18
44	712-0417A	Flange Nut, 5/8-18
45	714-0104	Cotter Pin
46	711-1017	Clevis Pin
47	718-04012	Bearing Cup
48	931-04207	Bearing Block
49	731-05064	Blade Guard
50	932-04169	Compression Spring
51	736-0342	Flat Washer, .260 x.72
52	936-04088	Flat Washer .635x1.24x.181
53	738-0706C	Shoulder Screw
54	941-0524	Bearing, .625 ID x 1.57 OD
55	950-04105	Spacer, .63 x 1.12 x 1.06
56	750-0547	Spacer, .64 x.88 x .50
57	954-04032B	Belt
58	956-0449	Sheave
59A	781-0080-0637	Edger Blade
59b	781-0748-0637	Tri-Star Blade
60	781-0427-0637	Belt Guard
61	787-01075A-0637	Cover Plate

Notes

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MANUFACTURER'S LIMITED WARRANTY FOR

The limited warranty set forth below is given by MTD LLC with respect to new merchandise purchased and used in the United States and/or its territories and possessions, and by MTD Products Limited with respect to new merchandise purchased and used in Canada and/or its territories and possessions (either entity respectively, "MTD").

"MTD" warrants this product (excluding its *Normal Wear Parts and Attachments* as described below) against defects in material and workmanship for a period of two (2) years commencing on the date of original purchase and will, at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship. This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, commercial use, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of other peril or natural disaster. Damage resulting from the installation or use of any part, accessory or attachment not approved by MTD for use with the product(s) covered by this manual will void your warranty as to any resulting damage.

Normal Wear Parts are warranted to be free from defects in material and workmanship for a period of thirty (30) days from the date of purchase. Normal wear parts include, but are not limited to items such as: batteries, belts, blades, blade adapters, tines, grass bags, wheels, rider deck wheels, seats, snow thrower skid shoes, friction wheels, shave plates, auger spiral rubber and tires.

Attachments — MTD warrants attachments for this product against defects in material and workmanship for a period of one (1) year, commencing on the date of the attachment's original purchase or lease. Attachments include, but are not limited to items such as: grass collectors and mulch kits.

HOW TO OBTAIN SERVICE: Warranty service is available, WITH PROOF OF PURCHASE, through your local authorized service dealer. To locate the dealer in your area:

In the U.S.A.

Check your Yellow Pages, or contact MTD LLC at P.O. Box 361131, Cleveland, Ohio 44136-0019, or call 1-800-800-7310, 1-330-220-4683 or log on to our Web site at www.mtdproducts.com.

In Canada

Contact MTD Products Limited, Kitchener, ON N2G 4J1, or call 1-800-668-1238 or log on to our Web site at www.mtdcanada.com.

This limited warranty does **not** provide coverage in the following cases:

a. The engine or component parts thereof. These items may carry a separate manufacturer's warranty. Refer to applicable manufacturer's warranty for terms and conditions.

b. Log splitter pumps, valves, and cylinders have a separate one-year warranty.

c. Routine maintenance items such as lubricants, filters, blade sharpening, tune-ups, brake adjustments, clutch adjustments, deck adjustments, and normal deterioration of the exterior finish due to use or exposure.

d. Service completed by someone other than an authorized service dealer.

e. MTD does not extend any warranty for products sold or exported outside of the United States and/or Canada, and their respective possessions and territories, except those sold through MTD's authorized channels of export distribution.

f. Replacement parts that are not genuine MTD parts.

g. Transportation charges and service calls.

h. MTD does not warrant this product for commercial use.

No implied warranty, including any implied warranty of merchantability of fitness for a particular purpose, applies after the applicable period of express written warranty above as to the parts as identified. No other express warranty, whether written or oral, except as mentioned above, given by any person or entity, including a dealer or retailer, with respect to any product, shall bind MTD. During the period of the warranty, the exclusive remedy is repair or replacement of the product as set forth above.

The provisions as set forth in this warranty provide the sole and exclusive remedy arising from the sale. MTD shall not be liable for incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. **Alteration of safety features of the product shall void this warranty.** You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the misuse or inability to use the product.

This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.

HOW STATE LAW RELATES TO THIS WARRANTY: This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

IMPORTANT: Owner must present Original Proof of Purchase to obtain warranty coverage.

MTD LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019; Phone: 1-800-800-7310, 1-330-220-4683
MTD Canada Limited - KITCHENER, ON N2G 4J1; Phone 1-800-668-1238

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